

TECHNICAL DATA SHEET

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MONO ETHYLENE GLYCOL (MEG)

PRESENTATION:

Mono Ethylene Glycol (MEG) is a colorless, practically odorless and viscous liquid organic compound.

It has a sweetish taste and is miscible in water, alcohol, ether, acetone, and ethylene glycol.

APPLICATIONS:

Mono Ethylene Glycol is primarily used as a raw material in the manufacture of polyester fibers and fabric industry and polyethylene terephthalate resins (PET) used in bottling. A small percent is also used in other applications such as antifreeze formulations and other products.

TYPICAL PROPERTY

PROPERTY	UNIT	TYPICAL	TEST METHOD
Purity	% wt	99.9	ASTM E 2409*
DiEthylene Glycol	% wt	0.03	ASTM E 2409*
Acid (as Acetic acid)	mg/kg	2	ASTM E 2679*
Iron	mg/kg	< 1	ASTM E 1615*
Ash	% wt	< 0.001	ASTM D 482*
Color Hazen (Pt-Co) (APHA)		5	
After boiling with HCl		15	ASTM D 1209*
Water	mg/kg	100	ASTM E 1064*
Refractive Index at 20 °C		1.4310	ASTM D 1747*
Ultraviolet Transmittance	nm	220 - 90 275 - 98 350 - 100	ASTM E 2193*

*or equivalent method

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